

# San Joaquin River Hydrologic Region - Lower Valley East Side Planning Area (PA 609)

## Water Use and Distribution of Dedicated Supplies

(Thousand Acre-Feet)

	1998			2000			2001		
	Applied Water Use	Net Water Use	Depletion	Applied Water Use	Net Water Use	Depletion	Applied Water Use	Net Water Use	Depletion
<b>WATER USE</b>									
<b>Urban</b>									
Large Landscape	2.6			2.8			2.8		
Commercial	6.1			6.6			6.5		
Industrial	8.7			9.4			9.3		
Energy Production	0.0			0.0			0.0		
Residential - Interior	34.1			36.7			36.4		
Residential - Exterior	35.8			38.6			38.3		
Evapotranspiration of Applied Water		30.6	30.6		33.0	33.0		32.7	32.7
E&ET and Deep Perc to Salt Sink		0.0	0.0		0.0	0.0		0.0	0.0
Outflow		0.0	0.0		0.0	0.0		0.0	0.0
Conveyance Applied Water	1.7			1.9			1.9		
Conveyance Evaporation & ETAW		1.7	1.7		1.9	1.9		1.9	1.9
Conveyance Deep Perc to Salt Sink		0.0	0.0		0.0	0.0		0.0	0.0
Conveyance Outflow		0.0	0.0		0.0	0.0		0.0	0.0
GW Recharge Applied Water	0.0			0.0			0.0		
GW Recharge Evap + Evapotranspiration		0.0	0.0		0.0	0.0		0.0	0.0
<b>Total Urban Use</b>	<b>89.0</b>	<b>32.3</b>	<b>32.3</b>	<b>96.0</b>	<b>34.9</b>	<b>34.9</b>	<b>95.2</b>	<b>34.6</b>	<b>34.6</b>
<b>Agriculture</b>									
On-Farm Applied Water	1,280.1			1,694.2			1,818.9		
Evapotranspiration of Applied Water		917.8	917.8		1,216.8	1,216.8		1,306.5	1,306.5
E&ET and Deep Perc to Salt Sink		74.4	74.4		0.0	0.0		0.0	0.0
Outflow		142.7	0.0		0.0	0.0		0.0	0.0
Conveyance Applied Water	116.5			132.7			120.1		
Conveyance Evaporation & ETAW		70.5	70.5		79.6	79.6		75.1	75.1
Conveyance Deep Perc to Salt Sink		0.0	0.0		0.0	0.0		0.0	0.0
Conveyance Outflow		0.0	0.0		0.0	0.0		0.0	0.0
GW Recharge Applied Water	136.6			90.0			72.5		
GW Recharge Evap + Evapotranspiration		0.0	0.0		0.0	0.0		0.0	0.0
<b>Total Agricultural Use</b>	<b>1,533.2</b>	<b>1,205.4</b>	<b>1,062.7</b>	<b>1,916.9</b>	<b>1,296.4</b>	<b>1,296.4</b>	<b>2,011.5</b>	<b>1,381.6</b>	<b>1,381.6</b>
<b>Environmental</b>									
<b>Instream</b>									
Applied Water	79.9			84.4			84.1		
Outflow		0.0	0.0		0.0	0.0		0.0	0.0
<b>Wild &amp; Scenic</b>									
Applied Water	0.0			0.0			0.0		
Outflow		0.0	0.0		0.0	0.0		0.0	0.0
<b>Required Delta Outflow</b>									
Applied Water	0.0			0.0			0.0		
Outflow		0.0	0.0		0.0	0.0		0.0	0.0
<b>Managed Wetlands</b>									
Habitat Applied Water	32.5			32.8			31.0		
Evapotranspiration of Applied Water		11.3	11.3		14.2	14.2		12.9	12.9
E&ET and Deep Perc to Salt Sink		0.0	0.0		0.0	0.0		0.0	0.0
Outflow		10.0	0.0		9.5	0.0		10.2	0.0
Conveyance Applied Water	0.0			0.0			0.0		
Conveyance Evaporation & ETAW		0.0	0.0		0.0	0.0		0.0	0.0
Conveyance Deep Perc to Salt Sink		0.0	0.0		0.0	0.0		0.0	0.0
Conveyance Outflow		0.0	0.0		0.0	0.0		0.0	0.0
<b>Total Managed Wetlands Use</b>	<b>32.5</b>	<b>21.3</b>	<b>11.3</b>	<b>32.8</b>	<b>23.7</b>	<b>14.2</b>	<b>31.0</b>	<b>23.1</b>	<b>12.9</b>
<b>Total Environmental Use</b>	<b>112.4</b>	<b>21.3</b>	<b>11.3</b>	<b>117.2</b>	<b>23.7</b>	<b>14.2</b>	<b>115.1</b>	<b>23.1</b>	<b>12.9</b>
<b>TOTAL USE AND OUTFLOW</b>	<b>1,734.6</b>	<b>1,259.0</b>	<b>1,106.3</b>	<b>2,130.1</b>	<b>1,355.0</b>	<b>1,345.5</b>	<b>2,221.8</b>	<b>1,439.3</b>	<b>1,429.1</b>
<b>DEDICATED WATER SUPPLIES</b>									
<b>Surface Water</b>									
Local Deliveries	703.1	703.1	588.7	742.4	742.4	735.9	668.0	668.0	660.7
Local Imported Deliveries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colorado River Deliveries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CVP Base and Project Deliveries	235.0	235.0	196.7	348.5	348.5	345.5	261.7	261.7	258.8
Other Federal Deliveries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SWP Deliveries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Required Environmental Instream Flow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Groundwater Net Withdrawal</b>	<b>320.9</b>	<b>320.9</b>	<b>320.9</b>	<b>264.1</b>	<b>264.1</b>	<b>264.1</b>	<b>509.6</b>	<b>509.6</b>	<b>509.6</b>
<b>Deep Percolation of Surface and GW</b>	<b>395.7</b>			<b>690.7</b>			<b>698.4</b>		
<b>Reuse/Recycle</b>									
Reuse Surface Water	79.9			84.4			84.1		
Recycled Water	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL SUPPLIES</b>	<b>1,734.6</b>	<b>1,259.0</b>	<b>1,106.3</b>	<b>2,130.1</b>	<b>1,355.0</b>	<b>1,345.5</b>	<b>2,221.8</b>	<b>1,439.3</b>	<b>1,429.1</b>
<i>Balance = Use - Supplies</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>